

Natasha Mirza, MD

Assistant Professor
Department of Otorhinolaryngology
Head and Neck Surgery

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Education

1976-83 M.D. Dow Medical College, University of Karachi, Pakistan

Postgraduate Training and Fellowship Appointments

1983-84 Intern
General Medicine and General Surgery
Civil Hospital, Karachi, Pakistan

1/85-6/85
Research Assistant, Department of Surgery
Ohio State University Hospital

1985-86 Intern in General Surgery
Ohio State University Hospital
Columbus, Ohio

1986-87 First Year Resident in General Surgery
Ohio State University Hospital
Columbus, Ohio

1987-88 Clinical Observer in Otolaryngology
Aga Khan University Hospital
Karachi, Pakistan

1988-92 Resident in Otolaryngology Head & Neck Surgery
University of California Irvine Medical Center
Orange, California

Faculty Appointments

1992-93 Clinical Instructor
Department of Otolaryngology
University of California Irvine Medical Center and the Long Beach Veteran's
Affairs Medical Center, California

1994-pres. Assistant Professor at VAMC
Department of Otorhinolaryngology, Head & Neck Surgery
University of Pennsylvania School of Medicine

1995-pres Assistant Professor at HUP
Department of Otorhinolaryngology, Head and Neck Surgery
University of Pennsylvania School of Medicine

Hospital and Administrative Appointments

1993-pres. Chairperson, Laser Committee
Philadelphia VA Medical Center

1993-1999 Member Operating Room Committee
Philadelphia VA Medical Center

1993-94 Member, Steering Committee Primary Care Task Force
VA Medical Center, Philadelphia

1994-95 Chairperson, Operating Room
Quality Improvement Task Force
VA Medical Center, Philadelphia

1995-pres. Chief, Division of Otolaryngology, Department of Surgery
Philadelphia VA Medical Center

1999-pres. Active Staff, Presbyterian Hospital, Philadelphia, PA

1999-pres. Active Staff, Pennsylvania Hospital, Philadelphia, PA

2001-pres. Co-director Voice and Swallowing Center
Presbyterian Medical Center, Philadelphia

Specialty Certification

1993 American Board of Otolaryngology
1996 Fellow of American College of Surgeons

Licensure

California (A43993)
Pennsylvania (MD 050143-L)

Awards and Honors

1993 Special Recognition Award for Excellence in Teaching
University of California Irvine Medical Center

1997 Boehringer Ingelheim Research award for studying "The Use of
Ipratropium Bromide for the Treatment of Rhinorrhea in the Laryngectomized
Patient".

1998 American Rhinologic Society Research Committee Award for the study on
"The Nasal Cycle changes in Alzheimer's disease".

Memberships in Professional and Scientific Societies

1998-pres. American Rhinologic Society

1995-pres. National Association of VA Physicians and Dentists

1994-pres. American College of Surgeons

1991-pres. American Academy of Otolaryngologic Allergy

1988-pres. American Academy of Facial Plastic and Reconstructive Surgery

1988-pres. American Academy of Otolaryngology, Head and Neck Surgery

2001-pres. Pennsylvania Academy of Otolaryngology, Head and Neck Surgery,
Board of Governors

2001-pres. PAO-HNS public relations representative to the AAOHNS

1996-pres. Pennsylvania Academy of Otolaryngology, Head and Neck Surgery

1996-2000 Philadelphia County Medical Society

1994-2000 Laser Institute of America

1990-93 Orange County Society of Otolaryngology, Head and Neck Surgery

National Academic Committees

1997-pres. Member of the Committee on Speech, Voice and Swallowing
Disorders

1997-pres. Member of the Association of Veterans Affairs Otolaryngologists

1997-2000 Member of the Committee on Geriatric Otorhinolaryngology

Local Academic Committees

1997-pres.
Member of the Executive Committee of the Philadelphia Laryngological Society

1994-pres.
Chairperson, Laser Committee, Philadelphia VA Medical Center

1994-2000
Chairperson, Operating Room Efficiency, Enhancement Committee
Philadelphia VA Medical Center

1993-2000
Operating Room Committee
Philadelphia VA Medical Center

Editorial Positions

2000-pres.
Associate Editor, Laryngology section of "Comprehensive Otolaryngology"
WB Saunders, Philadelphia

1999-pres.
Peer Reviewer American Journal of Rhinology
Philadelphia

1999-pres.
Peer Reviewer Head and Neck
Philadelphia

2001-pres.
Member of the Reviewers Board of the Medical Science Monitor

Academic Committees at the University of Pennsylvania and Affiliated Hospitals

1994-pres.
Otolaryngology Resident Selection Committee
University of Pennsylvania

2000-pres.
Member of the Swallowing Disorders Center
University of Pennsylvania

2001-pres.
Member of the University Senate Nominating Committee
University of Pennsylvania

Major Teaching and Clinical Responsibilities

1994-pres.
In charge of 2nd and 4th year Otolaryngology Residents in the Out-patient Clinics and Operating Room at the Philadelphia VA Medical Center during their 3 month rotation

1994-pres.
Attending rounds at the Philadelphia VA Medical Center for 1 to 3 hours, 1 to 2 days / week.

1994-pres.
In charge of ID 200 medical students rotating through Otolaryngology every 3 weeks at the Philadelphia VA Medical Center for 4 hours 1 day per week.

1994-pres.
Lecture to ID 200 Medical Students rotating on Otolaryngology at HUP every 3 weeks on "Management of Clinical Cases in Otolaryngology"

1995-97
Once a month lecture to the Emergency Department of Philadelphia VA Medical Center on "Otolaryngologic Emergencies"

1996-pres.
Chief of the Otolaryngology Section Philadelphia Veterans Affairs Medical Center

1996-pres.
In charge of 2nd, 3rd and 5th year Otolaryngology residents in the out-patient clinics at HUP every 6 weeks for 4-6 hours. Involves patient evaluations, management, and minor procedures.

1996-pres.
In charge of 2nd, 3rd and 5th year residents in the operating room one day a week for 8 to 12 hours. Involves hands -on education for surgical cases.

1997
Instructor in the Hands on Cadaver Course for the Residents of the Otolaryngology Department at HUP.

1998-pres.
Responsible for one ID 200 student during out-patient clinic one morning for 4 hours every 3 weeks

Feb. 1998

Preceptor to the 1st year Medical students, Head and Neck Anatomy Dissection Course

Oct. 1998

Introduction of first year Medical Students to the clinical examination of the head and neck.

Feb. 1999

One hour lecture to the 1st year Medical Students in the Career Seminar Series at the University of Pennsylvania Medical School

1999

In charge of one Primary Care resident rotating in Otolaryngology at HUP for 4 hours every 4 weeks.

Oct. 1999

Instructor for the Curriculum 2000 Head and Neck Anatomy Lab Session.

2000

In charge of Clinical Scholar (MD) from Egypt in surgical and clinical Laryngology and care of the professional voice

2002

Incharge of 3rd year Family Medicine resident one clinic session per week

Jan 02-pres

Research mentor for 4th year ORL resident for 6 month research block on Chemosensation.

April 2002

Moderator for Nursing students discussion on Medical Ethical Decision making

May 2002

Participant in Otolaryngology Research Training Grant.

May 2002

In charge of clinical scholar from the Phillipines on the surgical management of sleep apnea.

June 2002

Moderator for Resident Research Day Clinical Case Presentations

June 2002

Faculty for the Management of Cancer of the Larynx in the new millenium.
Cadaver dissection on Medialization Laryngoplasty with Silastic Implant for vocal cord paralysis. Philadelphia, PA

June 2002

Panel for evaluation of Best Resident presentation at the Pennsylvania Academy of Otolaryngology Meeting, Hershey, PA

July 2002

Association for Pakistani Physicians of North America. Meeting held in New York, NY

Lectures to the Residents and Faculty of the Department of Otolaryngology at HUP

2/20/97

Nasal and Sinus Anatomy

2/22/97

Maxillectomy (also proctored the Anatomy Dissection Course)

9/25/97

The physiology of the Nasal Cycle

2/19/98

Nasal and Sinus Anatomy

2/21/98

Maxillectomy

6/20/98

The Nasal Cycle

7/98

Tumor Markers in Inverting Papillomas

7/09/98

Treatment Options for Vocal Cord Paralysis

7/22/99

Functional and Neurolaryngologic Diseases of the Larynx

7/22/99

Benign Diseases of the Larynx

6/15/00
Scar Revision

9/06/01
Functional and Neurologic Diseases of the Larynx

7/18/02
Benign Diseases of the Larynx

Lectures by Invitation (past 5 years)

February, 1997
"Identification of p53 and HPV in Schneiderian Papillomas".
Eastern Section Meeting of the American Laryngological, Rhinological, and
Otological Society.
Boston, MA

June 5, 1997
A Schematic Approach to Pre-existing Sinus Disease for the Immuno-
compromised individual.
Cottle International Rhinology Centennial Meeting.
Philadelphia, PA.

June 20, 1997
"Management of patients after elective Carotid Artery resection".
Scientific Meeting of the Pennsylvania Academy of Otolaryngology.
Farmington, PA

March 20, 21 1998
"Paradigm for Management of Chronic Rhinosinusitis prior to Induction
Chemotherapy".
PENN Rhinology Course.
Philadelphia, PA

March 28, 1998
"Evaluation of Hoarseness and Office Laryngoscopy".
Current Concepts in Otolaryngology.
Philadelphia, PA

May 12, 1998
"Correlation between Apoptosis and p53 in Inverting Papillomas of the Sinonasal
tract".
Combined Otolaryngological Spring Meeting.
Palm Beach, FL

June 20, 1998

“Indications for the Treatment Options of Vocal Fold Paralysis”.
Annual Scientific Meeting of the Pennsylvania Academy of Otolaryngology,
King of Prussia, PA

October 20, 1998

“Evaluation of Hoarseness and Guidelines for Referral”.
Lecture to Faculty and Staff of Medicine, Penn Tower.
Philadelphia, PA

February 15, 1999

“Laryngeal Dystonias”.
Lecture to the Lehigh Valley Otolaryngology group (St. Luke’s Hospital)
Allentown, PA.
AMA Category 1,
(2 CME credits).

March 1, 1999

“Sinus Surgery”. Otolaryngology Review Course (Osler Course).
Philadelphia, PA.

March 5, 6, 1999

“Paradigm for the Management of Chronic Rhinosinusitis prior to Induction
Chemotherapy”.
The PENN Rhinology Course: Advances in Management of Sino-nasal Disease.
Philadelphia, PA.

April 24, 1999

“A Case Study of Carotid Cavernous Fistula in a Patient with a Clival Tumor”.
102nd Annual Meeting of the American Laryngological, Rhinological and
Otolological Society, Inc.
Palm Desert, CA

April 26, 1999

“Tongue Piercing.... The new Rusty Nail”.
102nd Annual Meeting of the American Laryngological, Rhinological and
Otolological Society, Inc.
Palm Desert, CA.

October 16, 1999

“Hoarseness”.
Penn Medicine at Radnor “Talking about your Health” Speakers Series.
Radnor, PA

January 29, 2000

"Acellular Human Dermal Allograft as Underlying Substrate in Repair of Full Thickness Mucosal and Partial Thickness Nasal Septal Defects".

Eastern Section Meeting of the American Laryngological, Rhinological and Otolological Society, Inc.

Pittsburgh, PA

March 29, 2000

"Management of the Glottic Paralytic Gap".

Joint Congress of the Royal College of Surgeons of Edinburgh and College of Physicians and Surgeons of Pakistan, Karachi, Pakistan.

April 5, 2000

"Laryngo-pharyngeal Manifestations of Gastro-Esophageal Reflux".

Poster presentation (by invitation) at the Gastro-enterology Conference of Penn. Bryn Mawr, PA.

April 15, 2000

"Hoarseness". Penn Medicine at Radnor "Talking about your Health" Speakers series.

Radnor, PA

April 17, 2000

"Functional Aponia". Airway Conference Children's Hospital of Philadelphia Philadelphia, PA

May 3, 2000

"The Radiological and Endoscopic evaluation of the Pharynx and Larynx during Swallowing". Gastroenterology Division Grand Rounds at HUP

Philadelphia, PA

June 23, 2000

"Immediate Percutaneous Medialization for Acute Vocal Fold Immobility with Aspiration".

Pennsylvania Academy of Otolaryngology Meeting at Nemacolin Woodlands Farmington, PA.

June 23, 2000

"Treatment of Paradoxical Vocal Cord Dysfunction with Botulinum Toxin and Laryngeal Bio-feedback".

Pennsylvania Academy of Otolaryngology Meeting at Nemcolin Woodlands Farmington, PA.

June 1, 2001
"Paradoxical Vocal Fold Motion".
Division of Allergy Immunology
Grand Rounds, HUP, Philadelphia, PA

April 13, 2002
Office on Examination of the Throat and Neck.
Lecture and Workshop.
Annual Session of the American College of Physicians and American Society of
Internal Medicine
Philadelphia, PA

June 28, 29, 2002
Ross AT, Loevner LA, Mirza N. Endoscopic Marsupialization of a Transglottic
Internal Laryngocele.
Poster presented at the Pennsylvania Academy of Otolaryngology
Hershey, PA

June 28, 2002
Mirza N, Ruiz C, Baum E, Staab JP.
Prevalence of Psychiatric Disorders in patients with Voice Problems.
Pennsylvania Academy of Otolaryngology
Hershey, PA

Organizing Roles in Scientific Meetings

September 27-29, 1995
Moderator for Workshop on Public Health Response to Nasopharyngeal Radium
Irradiation.
New Haven, CT.

June 5, 1997
Moderator for Free Paper Session (Nasal Function/Chemical Senses)
Cottle International Rhinology Centennial and XVI ISIAN Meeting
Philadelphia, PA

March 20, 21, 1998
Faculty for the Penn Rhinology Course and lab session.
Philadelphia, PA

November 12, 1998
Co-director and organizer for the Soft Tissue Dissection Course
Department of Otolaryngology, University of Pennsylvania
Philadelphia, PA

June 23, 2000

Moderator for the Voice Session at the Pennsylvania Academy of Otolaryngology.
Annual Scientific Meeting of the Pennsylvania Academy of Otolaryngology
Farmington, PA

June 13, 2001

Moderator for the Combined Otolaryngology Society Meeting of Philadelphia
Annual Otolaryngology Residents' Paper Competition, College of Physicians
Philadelphia, PA

June 7, 2002

Resident Research Day at Penn.

June 15, 2002

Faculty at the Management of Laryngeal Cancer in the New Millennium
conference.

Philadelphia, PA.

Cadaver Dissection course.

Medialization Laryngoplasty with Silastic implant for Vocal Cord Paralysis.

Bibliography

Mirza N., Crumley RL. Facial Paralysis in a Benign Osseous Parotid Tumor.
Otolaryngol Head Neck Surg. 1993; 108:367-371.

Suskind D, Mirza N, Rosin D, Stanton D. Condyloma Acuminatum Presenting
as a Base of Tongue Mass. Otolaryngol Head Neck Surg. 1996; 114(3): 487-
490.

Mirza, N. Otitis Externa : Management in the Primary Care Office.
Postgraduate Med. 1996; 99(5): 153-158.

Kay DJ, Mirza N. Diagnosis and Management of Complications of Self-injection
Injuries of the Neck. Ear Nose Throat J. 1996; 75(10): 670-676.

Mirza, N, Doty RL, Kroger H. Influence of Age on the Nasal Cycle.
Laryngoscope. 1997; 107: 62-66.

Choi, Y, Mirza, N, Rowan T, et al. Head and Neck Manifestations of Plasma
Cell Neoplasms. Laryngoscope. 1997; 107: 741-746.

Gottschalk, A, Mirza, N, Weinstein, GS, Edwards MW. Capnography During Jet
Ventilation for Laryngoscopy. Anesth Analg. 1997; 85: 155-159

Altman K, Mirza N, Phillippe L. Metastatic Follicular Thyroid Carcinoma to the Paranasal Sinuses: A case report and review. *J. Laryngo Otol.* 1997; 111: 647-651.

Mirza N, Montone K, Kroger H, Kennedy DW. Identification of p53 and HPV in Schneiderian Papillomas. *Laryngoscope* 1998; 108 (No.4, pt.1): 497-501

Mirza N, Montone KT, Stadtmauer E, Lanza DC. A Schematic Approach to Pre-existing Sinus Disease for the Immuno-compromised Individual. *Am J Rhinol.* 1998; 12 (2): 93-98

Baum E, Boudousquie AC, Li S, Mirza N. Sarcoidosis Presenting as Nasal Obstruction and Septal Perforation. *Ear, Nose and Throat* 1998; 77 (11): 896-902

Machtay M, Aviles V, Kligerman MM, Treat J, Weinstein GS, Weber RS, Mirza N, Chalian AA, Rosenthal DI. A Phase 1 Trail of 96-hour Paclitaxel Infusion plus Accelerated Radiotherapy for Unresectable Head and Neck Cancer. *Int. J. Radiation Oncology Biol. Phys.* 1999; 44 (2): 311-315

Mirza N, Gahtan V, Weber RS. Management of Patients after Elective Carotid Artery Resection. *Am J Otolaryngol.* 1999; 20(1): 37-42

Kao GD, Devine P, Mirza N. Oral Cavity and Oropharyngeal Tumors in Human Immunodeficiency Virus-Positive Patients. *Arch Otolaryngol.* 1999; 125(8): 873-876

Altman K, Mirza N, Ruiz C, Sataloff R. Paradoxical Vocal Fold Motion: Presentation and Treatment Options. *Journal of Voice.* 2000, Vol 14 (1): 99-103

Mirza N, Nofsinger YC, Furth E.E, Montone KT. Correlation between Apoptosis and p53 in Inverting Papilloma of the Sinonasal Tract. *Am J Rhinology* 1999; 13 (6): 427-434.

Bonhomme GR, Loevner LA, Yen DM, Deems DE, Bigelow DE, Mirza N. Extensive Extracranial Xanthoma associated with Type IIa Hyperlipidemia. *Am J Neuroradiology.* 2000; 21: 353-355

Anderson T, Loevner L, Bigelow D, Mirza N. Incidence of Unsuspected Acoustic Neuromas found by MRI Scanning. *Otolaryngol Head Neck Surg.* 2000; 122 (5): 643- 646

Dyce OH, Bruno J, Silverstein K, Brown MJ, Mirza N. Tongue Piercing.... The New "Rusty Nail". *Head and Neck.* 2000: 728-732

Cohen NA, Mirza N. Acellular Human Dermal Allograft as Underlying Substrate in Repair of Full Thickness Mucosal and Partial Thickness Nasal Septal Defects. Laryngoscope. 2000; 110: 2005 - 2007

Magardino TM, Suskind-Lui D, Kroger H, Mirza N. Ipratropium Bromide Nasal Spray for the Treatment of Rhinorrhea in the laryngectomized Patient. Am J Rhinology. 2001; 15 (3): 203-206

Anderson TD, Mirza N. Immediate Percutaneous Medialization for Acute Vocal Fold Immobility. Laryngoscope. 2001; 111: 1318-1321

Gelfand J, Mirza N, Kantor J, et al. Nodular Fasciitis of the Temporalis Fascia. Archives of Dermatology. 2001; 137 (6): 719-121

Hockstein N, Dyce O, Ross A, Friedberg J, Mirza N. A Parathyroid Cyst with Mediastinal extension: Report of a case. Otolaryngology- Head and Neck Surgery. 2001; 126 (5): 578-580

Cantwell R, Mirza N, Short T. Continuous Quality Improvement Efforts Increase Operating Room Efficiency. J. Healthcare Quality. 1997; 19 (6): 32-36.

Cohen N, Mirza N. Acellular Human Dermal Allograft as Underlying Substrate in Repair of Full Thickness Mucosal and Partial Thickness Nasal Septal Defects. The 2001 Year Book of Otolaryngology- Head and Neck Surgery. Mosby Harcourt Health Sciences.

Published Abstracts

Weinstein, G.S., Mirza, N., Ruiz, C., Laccourreye, O., Brasnu, D., El-Sawy, M., Chalian, A. Arytenoid mucosal wave formation following Supracricoid partial laryngectomy with Cricohyoido-epiglottopexy. Program of the American Laryngologic Association. May, 1998.

He T, Sachdeva R, Einhorn E, Loevner L, Hurst R, Mirza N. A Case Study of Carotid Cavernous Fistula in a Patient with Clival Tumor. Program Abstracts 1999 of the American Rhinologic Society April 1999, p. 26

Mirza N, Cryer J, Moberg P, Doty R. Influence of Alzheimer's Disease on the Nasal Cycle. Program of the American Academy of Otolaryngology Head and Neck Surgery. Washington DC. Sept.24-27, 2000, pg143

Mirza N, Moonis G, Dyce O, Loevner L. Magnetic Resonance Imaging of Micronized Dermal Graft in the Larynx. Program of the Annual Meeting of the American Academy of Otolaryngology Head and Neck Surgery Foundation. Denver, CO. Sept 9-12, 2001. Pg 264

Mirza N, Ruiz C, Baum E, Staab JP. Prevalence of Psychiatric Disorders in patients with Voice Problems. Program of the Annual Meeting of the American Academy of Otolaryngology Head and Neck Surgery Foundation. Denver, CO. Sept 9-12, 2001. Pg 267

Miller S, Mirza N, Doty D. Electrogustometric thresholds: Relationship to Anterior Tongue Locus, Area of Stimulation and Number of Fungiform Papillae. Abstracts of ACHEMS, April 2002.

Hockstein NG, Anderson TD, Mirza N. Retropharyngeal Lipoma Causing Obstructive Sleep Apnea- A Case Report including Five Year follow-up. Program of the 2002 Eastern Section Meeting. Philadelphia, PA. January 2002. Pg. 94

Ross AT, Loevner LA, Mirza N. Endoscopic Marsupialization of a Transglottic Internal Laryngocele. Program of the 2002 Eastern Section Meeting. Philadelphia, PA. January 2002. Pg. 99

Editorials, Reviews, Chapters

Mirza N, Lanza D. Nasal Obstruction and Obstructive Sleep Apnea. Otolaryngologic Clinics of North America. 1999; 32(1): 243-262

Mirza N, Lanza DC. Diagnosis and Management of Rhinosinusitis before scheduled Immunosuppression. Otolaryngologic Clinics of North America. 2000; 33 (2): 313-321

Mirza N, Dooley P, Ruiz C. Transfer Dysphagia. Rustgi: Requisites for Gastroenterology. Harcourt Health Sciences, WB Saunders. (in press)

Alternative Media

September, 1999 "Functional and Neurolaryngologic Diseases of the Larynx and Benign Diseases of the Larynx". Penn Continuing Medical Education online course

January, 1999 Problems in "Geriatric Otolaryngology". Interview for Glamour magazine.

May, 2001 Interview with Science correspondent for Newsweek magazine on "Taste and Video-microscopy" of the Tongue.

September, 2001 CD-ROM presentation on "Prevalence of Psychiatric Disorders in Patients with Voice Problems" by Marathon Multimedia, Inc.